



**Engineering, Inc.**

*Designing in Alaska for Over 20 Years*

Mechanical & Electrical Engineers

July 6, 2012

PND Engineers, Inc.  
1506 W. 36<sup>th</sup> Ave,  
Anchorage, AK 99503

ATTENTION: Steve Lewis

Dear Steve,

**REFERENCE: Ouzinkie Bulkhead Improvements  
Final Inspection**

As requested, I visited the site on Tuesday, July 5, 2012 to perform a final inspection on the above-referenced project. My findings are detailed below:

1. The dock electrical service did not have any visible metering equipment installed. I was, however, unable to access the interior compartment of the 150kVA utility transformer.
2. The fiberglass vault beneath the new 150kVA utility transformer had a square piece of plywood fastened to the surface of the vault, likely covering a hole or access point. Plywood is not listed for use in this application.
3. The new stainless steel electric panelboard did not have a panel schedule installed. Provide and install new printed panel schedule in panelboard.
4. The navigation light mounted to the dock is not the correct color per Coast Guard requirements. The existing fixture should be removed and replaced with a WHITE Dialight 860 series fixture in the same location.
5. The new generator was not hooked up to the crane and the crane was not operational at the time of my visit. We were informed that the electrician did not have the correct parts on hand to finalize the crane generator-crane connection and that the parts were on order.

If you have any questions or comments regarding the above, please don't hesitate to contact us.

Sincerely,

Keegan Rauf  
Electrical Staff Engineer

wkr/hhm  
12-0471/K8294.00

**ANCHORAGE  
WASILLA**

2522 Arctic Boulevard, Suite 200 • Anchorage, AK 99503-2516 • p907.276.0521 • f907.276.1751  
191 E. Swanson Avenue, Suite 101 • Wasilla, AK 99654 • p907.357.1521 • f907.357.1751  
www.rsa-ak.com